

***Prevotella melaninogenica*, Strain D18**

Catalog No. HM-80

Product Description: *Prevotella melaninogenica* (*P. melaninogenica*), strain D18 was isolated in 2007 from an oral swab taken from a 73-year-old, healthy male patient in Calgary, Alberta, Canada.

Lot^{1,2}: 70009959

Manufacturing Date: 03NOV2017

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-negative rod Report results Report results	Gram-negative rod Circular, low convex, entire, smooth, translucent and brown (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 720 base pairs)	≥ 99% sequence identity to <i>P. melaninogenica</i> , strain D18 (GenBank: ACWY01000141.1)	100% sequence identity to <i>P. melaninogenica</i> , strain D18 (GenBank: ACWY01000141.1)
Purity (post-freeze) Anaerobic growth ⁴ Aerobic growth ⁵	Consistent with expected colony morphology No growth	Consistent with expected colony morphology No growth
Viability (post-freeze)³	Growth	Growth

¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²*P. melaninogenica*, strain D18 (4_A_2) was deposited by Professor Emma Allen-Vercoe, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. HM-80 lot 70009959 was produced by inoculation of BEI Resources HMS-80 lot 60486667 into Modified Chopped Meat broth and incubated for 2 days at 37°C in an anaerobic atmosphere (< 0.5% O₂; Remel™ Anaero Pack™). Broth inoculum was added to Tryptic Soy Agar with 5% defibrinated sheep blood kolles, which were grown for 2 days at 37°C in an anaerobic atmosphere to produce this lot.

³2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

⁴Purity of this lot was assessed for 7 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood.

⁵Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood

Figure 1: Colony Morphology



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